

NEW APPLICATION  
ORIGINAL



0000086833

ARIZONA CORPORATION COMMISSION



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AZ CORP COMMISSION  
DOCKET CONTROL

W-04254A-08-0362

FINANCING APPLICATION

Montezuma Rimrock Water Company LLC

UTILITY NAME

Arizona Corporation Commission  
DOCKETED

JUL 17 2008

DOCKET NO(S)

DOCKETED BY *MR*

You must complete ALL items in the application according to the instructions provided. If you have any questions regarding the application please call (602) 542-4251 for Staff assistance.

IN ORDER TO PROCESS YOUR APPLICATION  
PLEASE FORWARD THE ORIGINAL  
AND THIRTEEN COPIES OF THE  
APPLICATION PLUS  
THREE PACKETS OF THE SUPPORTING  
DOCUMENTATION TO:

ARIZONA CORPORATION COMMISSION  
DOCKET CONTROL CENTER  
1200 WEST WASHINGTON STREET  
PHOENIX, ARIZONA 85007

PUBLIC NOTICE  
OF  
AN APPLICATION FOR AN ORDER

AUTHORIZING THE ISSUANCE OF WIFA Promissory Note (security)  
BY Montezuma Rimrock Water Company, LLC (company)

Montezuma Rimrock Water Company ("Company") filed an Application with the Arizona Corporation Commission ("Commission") for an order authorizing Applicant to issue \$150,000 (gross proceeds) of WIFA note (security to be issued). The application is available for inspection during regular business hours at the office of the Commission in Phoenix, Arizona, and the Company's offices in Rimrock, Arizona.

Intervention in the Commission's proceedings on the application shall be permitted to any person entitled by law to intervene and having a direct substantial interest in this matter. Persons desiring to intervene must file a Motion to Intervene with the Commission which must be served upon applicant and which, at a minimum, shall contain the following information:

1. The name, address and telephone number of the proposed intervenor and of any person upon whom service of documents is to be made if different than the intervenor.
2. A short statement of the proposed intervenor's interest in the proceeding.
3. Whether the proposed intervenor desires a formal evidentiary hearing on the application and the reasons for such a hearing.
4. A statement certifying that a copy of the Motion to Intervene has been mailed to Applicant.

The granting of Motions to Intervene shall be governed by A.A.C. R14-3-105, except that all Motions to Intervene must be filed on, or before, the 15<sup>th</sup> day after this notice.

ATTACHMENT  
EXPENSES FOR ARSENIC TREATMENT SYSTEM

**Anticipated Engineering Costs**

**\$11,400.00**

Contact Information

|                                   |  |               |                             |
|-----------------------------------|--|---------------|-----------------------------|
| Customer / Utility:               | Montezuma Rimrock Water Co. LLC                | Date:         | Revised 11.1.2007           |
| Site or Well Identity / Location: | Rimrock, AZ                                    | Main Contact: | Patricia Arias / Greg Olsen |
| Local Engineer / Firm:            |  | Phone:        | 928-300-3291 / 928-607-2244 |
| Operator:                         | Patsy Olsen                                    | Fax:          | 928-226-0278                |
| Target Date for Installation:     | 2008   | Email:        | patsyolsen@msn.com          |
| Other Pertinent Notes:            | treatment needed for reducing arsenic < 10 ppb |               |                             |

System Parameters / Site Specific Info

|   |  |                               |   |
|---|--|-------------------------------|---|
| System Type / Application:              | Community  | (utility, school, MHP, other) | <b>Site Specific Notes:</b><br>* Media Life Prediction assumes 100% As (V)  <br>* Sizing and capacity calculations based on information provided to Adedge<br>Media is to be supplied for only two tanks! |
| Population Served:                      | 347  | (estimated)                   |   |
| Number of Connections:                  | 147  |                               | <b>Site Shipping Address:</b>   |
| Number of Wells to be treated:          | 1  | (# wells to be treated)       |   |
| Design Flow (GPM):                      | 100  | (Max design flow rate)        |   |
| Ave Flow (GPM):                         | 60   | (Typical demand)              |   |
| Adedge Sizing Basis (GPM):              | 100  | (Sizing Basis - Adedge)       |   |
| Gallons per day:                        | 50,000   | (Ave throughput per day)      |   |
| Est. Usage (Gals / Year):               | 18,250,000   | (Best estimate)               |   |
| Existing Pretreatment or disinfection:  | Chlorination injection point at wellhead                 |                               |   |
| Equipment available for offloading ?:   | c2 addition  |                               |   |
| Pump Operation / Pressure:              | intermittant   |                               |   |
| Electrical Power Availability:          | yes 240V, 100 amp  |                               |   |
| Air Storage Tank Present at the site:   | yes, 10000   |                               |   |
| Hydropneumatic Tank Present:            | yes 2000 gal   |                               |   |
| Building present:                       | will need to be constructed but plenty of space          |                               |   |
| Any additives ie, phosphates, fluoride: | no   |                               |   |
| Discharge Options:                      | drainage ditch but probably need recycle backwash system |                               |   |

Water Analysis

\*\* denotes priority parameters

| Priority Parameters |                    | Other Parameters |                |
|---------------------|--------------------|------------------|----------------|
| pH **               | 7.14               | Antimony         | 0.00 mg/L Sb   |
| Total As **         | 0.055 mg/L As      | Chromium         | <5 mg/L Cr     |
| As(III)             | mg/L (if known)    | Lead             | <100 mg/L Pb   |
| Sulfides **         | mg/L               | Molybdenum       | <0.04 mg/L Mo  |
| Hardness **         | 360 mg/L @ CaCO3   | Selenium         | <200 mg/L Se   |
| Alkalinity **       | 424.0 mg/L @ CaCO3 | Fluoride         | 0.21 mg/L F    |
| Silica **           | 10.9 mg/L SiO2     | Turbidity        | no data NTU    |
| Phosphate **        | <0.15 mg/L PO4     | Suspended Solids | 2.00 mg/L      |
| Sulfate **          | 14.7 mg/L SO4      | Uranium          | no data mg/L U |
| Iron **             | 0.21 mg/L Fe       | TDS:             | no data mg/L   |
| Manganese **        | <0.02 mg/L Mn      |                  |                |

Adsorption

|                                   |                              |
|-----------------------------------|------------------------------|
| AdEdge Packaged System (APU)      | Model APU-160CS-S-3-MVH      |
| No of adsorbers                   | 3                            |
| Qty of media (cu ft):             | 49                           |
| Adsorption System footprint:      | Approx. 154"L x 60"W x 100"H |
| Media:                            | Bayoxide E33; 10x35          |
| Operation:                        | Intermittant                 |
| Backwashing:                      | 1x / 60 days @ 83 gpm        |
| Backwashing rate:                 | 9 gpm/sq ft                  |
| Est. BW water (gallons) per tank: | 1,245                        |

|                               |            |                                  |
|-------------------------------|------------|----------------------------------|
| Contact time (EBCT):          | 3.7        | (based on maximum flow)          |
| Ave flow rate:                | 60.0       | (typical expected)               |
| Ave gallons/day :             | 50,000     | (based on utilization)           |
| Hydraulic Utilization %:      | 57.9%      | (actual system utilization 24-7) |
| Est. working capacity:        | 145,000    | (bed volumes to breakthrough)    |
| Bed volumes/day:              | 136        | (throughput)                     |
| Est. Gallons to breakthrough: | 53,145,400 | (arsenic breakthrough)           |
| E33 Est. Media life (months): | 35.4       | (est frequency of changeout)     |
| E33 Est. Media life (Years):  | 3.0        | (est frequency of changeout)     |

System Costs

|                                      |                           |
|--------------------------------------|---------------------------|
| Adsorption system and installation:  | \$63,746                  |
| Chlorine Module:                     | Not required              |
| Install system, electrical:          | included                  |
| AdEdge Startup and Commissioning:    | included                  |
| AdEdge Shop Drawings:                | included                  |
| Backwash recycle, tank, Bag filters: | \$18,000                  |
| Freight to site:                     | TBD, FOB atlanta, chicago |
| Total installed capital, startup:    | \$63,746                  |

|                               |          |                                  |
|-------------------------------|----------|----------------------------------|
| Replacement E33 media:        | \$13,475 | (media, excluding labor, equip.) |
| Consumable estimate:          | \$0      | (chemical - consumable)          |
| Est. Annual Oper. Costs       | \$4,564  | (media, consumables)             |
| Operating Costs per 1000 gal: | \$0.25   | (ave calculated over 5 years)    |
| Transport. To recycler:       | < \$500  | (est. disposal of media)         |
| Est. Cost / HH / Month        | \$2.59   | (est cost/month/connection)      |



Wednesday, June 11, 2008 2:10 PM

COLLINGWOOD PUMPS 928-646-7386

p 02

COLLINGWOOD PUMPS, INC  
P O BOX 1873  
COTTONWOOD, AZ 86326

PH. - 928-646-7398  
FAX - 928-646-7386

# Proposal

Montezuma Rimrock Water Co. LLC  
PO Box 10  
Rimrock, AZ 86335

DATE: 6/10/08

PROJECT: Well #1

| Description  | Amount   |
|--|--|
| Move existing equipment into new pump house.   |  |
| Move electrical components inside, conduit, wire and fittings                            | \$484.00   |
| Move Booster Pumps and Plumbing, Pipe and fittings                                       | \$299.36   |
| 1 - New 200 Amp Load Center with Main  | \$362.50   |
| New Breakers   | \$250.00   |
| 2 - Replacement of Pump Plant Panels   | \$2,750.00   |
| 3" Pipe & Fittings for system  | \$750.00   |
| <b>Payment terms are 50% DEPOSIT WITH BALANCE DUE UPON COMPLETION</b>                    | <b>Subtotal</b> \$4,895.86<br><b>Labor</b> \$1,530.00<br><b>Tax</b> \$386.00 |
| This proposal may be withdrawn or subject to change by us if not accepted within 15 days | <b>TOTAL</b> \$6,811.86  |

Respectfully submitted by

\_\_\_\_\_

# PROPOSAL

## RASK CONSTRUCTION

GENERAL CONSTRUCTION

P.O. Box 387

Camp Verde, AZ 86322

(928) 567-3203

Fax (928) 567-5654

No. 1

Date 6-05-08

Sheet No. 1

### Proposal Submitted To:

Name Montezuma-Rimrock Water Co.  
Street E. Gold mine & Towers  
City Rimrock  
State Az.  
Phone 300- 3291

### Work To Be Performed At:

Street From Tieman- bently-towers  
City Rimrock State AZ.  
Date of Plans N/A  
Architect N/A

We hereby propose to furnish the materials and perform the labor necessary for the completion of

#### Items:

- #1 Provide approx. 2500' of 4" C-900 PVC pipe, & fittings.
- #2 Provide the necessary equipment & labor to install the water line from well #3 to well #1.
- #3 Pressure test & sanitize the new line.
- #4 Connecting of the new line by others.

All material is guaranteed to be as specified, and the above work to be performed in accordance with the drawings and specifications submitted for above work and completed in a substantial workmanlike manner for the sum of Dollars (\$ 42,870.00)

with payments to be made as follows: Progress draws.

Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance upon above work. Workmen's Compensation and Public Liability Insurance on above work to be taken out by

Respectfully submitted RASK CONST.

Per NORM RASK \_\_\_\_\_

Note—This proposal may be withdrawn by us if not accepted within 5 days.

### ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date \_\_\_\_\_

Signature \_\_\_\_\_

Signature \_\_\_\_\_

# AdEdge APU Arsenic Adsorption Treatment System

## System Scope of Supply and Features

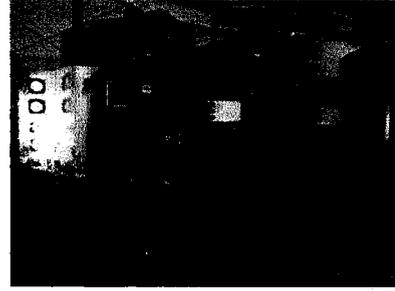
adedge

Montezuma Rimrock Water Co. LLC

11.1.2007

### Adsorption Vessels / Media

APU-100CS Adsorption system rated for up to 100 gpm flow  
Pre-packaged, skid mounted system on steel tubular frame  
Two carbon steel, epoxy lined adsorption vessels in parallel  
42-inch diameter adsorbers  
100 psi rated vessels pressure applications  
SCH 80 PVC Hub and lateral collection system, diffusers  
Bayoxide E33 adsorption media (50 cf), 10x35 mesh  
Gravel underbedding



APU-100CS system with steel tanks

### Process Valves and Piping

Manual Bray butterfly valves (5 valves on valve harness/vessel)  
Central valve harness with five control valves per vessel  
Manual backwashing and manual isolation  
Manual diaphragm valves for backwash flow control and service flow control  
Sch 80 PVC interconnecting piping, unions, flanged connections  
Stainless steel Influent, effluent sample valves

### Instrumentation & Controls

NEMA 4X enclosure for panel  
Stainless Instrument panel for mounted instruments  
Seametrics flow meters, flow totalizers (each vessel)  
Pressure gauges and differential pressure gauges  
Stainless steel sample valves on hydraulic panel  
On/Off system switch

### Customer Provided Support

Single phase 120v, 20 amp electrical service  
No county specific permitting included  
30 psig water supply or regulator if intermittent  
Operations and maintenance of the system  
Sampling / analysis for compliance monitoring

### Key Installation Tasks

Placement of system in existing building; final plumbing  
Inlet/outlet Sch 80 PVC piping to unit  
Electrical tie in from customer panel to system  
Installation of BW discharge line to sewer connection  
(See specific proposal tasks, assumptions)

### Backwash Recycle System

4,000 gallon HDPE vertical holding tank  
Bulkhead fittings in / out, vent  
Gravel base or concrete support for tank  
Installation of tank, bulkhead fittings, level switch  
Control panel, 10 gpm backwash recycle pump  
skid for pump, gauges, valves, return lines  
low level switch in BW holding tank for control on/off

### Field Services & Misc

System installation by Adedge Contractor  
Two days system startup and training (see attached)  
Operator training and O&M Manual  
Permitting by others for MI DEQ approvals

### Terms

Lead time is 9-10 weeks from contract / PO  
Freight is estimated; FOB Atlanta or Chicago  
Manufacturer's 1 year warranty  
AdEdge Commercial Terms and Conditions apply  
Pricing valid for 45 days

### Bag Filter Module for Backwash

(2) Dual 1 (2) Dual 100 gpm rated bag filters  
Stainless Steel housings, 150 psi rated  
7x21" pol; 7x21" polyfelt bags for particulate removal  
Pressure gauges, 1/4-inch bleed valves  
Legs for each Bag filter housing  
FSI BFN- FSI BFN-12 Modules or equivalent

# Global Building Systems, Inc.

## Levie Group

### Cost Estimate for 200 SqFt Pump House

| Item  | Description                          | Qty | Cost/Ea | Total Cost      |
|---|--------------------------------------|-----|---------|-----------------|
| 1   | All Around Length = 60 Linear Feet   |     |         |                 |
| 2   | Length (Footprint)                   |     |         | 20              |
| 3   | Width (Footprint)                    |     |         | 10              |
| 4   | Pump House Square Footage            |     |         | 200             |
| <b>Module Walls &amp; Roof</b>                |                                      |     |         |                 |
| 5   | Walls, 12' x 4'                      | 4   | \$ 281  | \$ 1,125        |
| 6   | Walls, 10' x 4'                      | 4   | \$ 250  | \$ 1,000        |
| 7   | Walls, 11' x 8'                      | 2   | \$ 356  | \$ 713          |
| 8   | Roof Panels, 12' x 6'                | 2   | \$ 338  | \$ 675          |
|   | Roof Panels, 12' x 8'                | 1   | \$ 375  | \$ 375          |
| 9   | Corners                              | 4   | \$ 194  | \$ 775          |
| 10  | Miscel Steel and Foam Pieces         |     |         | \$ 531          |
| 11  | <b>Total House Sales Price:</b>      |     |         | <b>\$ 5,194</b> |
| <b>Total Pump House Sales Price</b>           |                                      |     |         |                 |
| 12  | <b>Sales Price:</b>                  |     |         | <b>\$ 5,194</b> |
| 13  | <b>On-site Assembly Price:</b>       |     |         | <b>\$ 713</b>   |
| 14  | <b>Total Pump House Sales Price:</b> |     |         | <b>\$ 5,907</b> |
| Note: Does not include Slab, Doors or Windows |                                      |     |         |                 |

